

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions, listing, of claims in the specification.

LISTING OF CLAIMS:

Claim 1 (original) A system for composting-free disposal of organic waste, comprising:

a heating apparatus;

a pretreatment apparatus, the organic waste being guided into the pretreatment apparatus to become a slurry; and

a decomposition apparatus disposed downstream from the pretreatment apparatus, microbial enzymes and raw material being added into the slurry to make a mixture, the heating apparatus for heating the mixture, and the decomposition apparatus for decomposing and sterilizing the mixture to make a composting-free organic fertilizer product.

Claim 2 (original) The system as claimed in Claim 1, wherein the pretreatment apparatus includes a storage tank, a shattering device and an oil-water separation device, the storage tank being disposed downstream from the shattering device, the oil-water separation device being disposed downstream from the storage tank, the organic waste being guided into the shattering device, and the

shattering device shattering the organic waste to make an oil-slurry to be further guided into the storage tank, and the heating apparatus heating the oil-slurry in the storage tank to separate the oil-slurry into a slurry and a surface oil-water mixed liquid, the oil-water separation device including an oil collection pipeline and a water collection pipeline, and the water collection pipeline connecting to an upstream position of the storage tank.

Claim 3 (original) The system as claimed in Claim 2, further comprising a milling device and an open spare tank, the milling device being disposed between the storage tank of the pretreatment apparatus and the decomposition apparatus, the open spare tank being disposed between the milling device and the decomposition apparatus, the milling device milling the slurry into a fine-slurry to be further conveyed into the spare tank, the microbial enzymes and raw material being added into the spare tank to mix with the fine-slurry to form a mixture, the spare tank having a diaphragmatic pump to convey the mixture into a decomposition tank of the decomposition apparatus, the decomposition tank having a stirring device therein, the decomposition apparatus having a feed valve and a regulating valve, the heating apparatus heating the mixture in the decomposing tank, the decomposition tank being an airtight high pressure reaction tank, and the mixture being decomposed to become a liquid fertilized composting-free organic fertilizer product.

Claim 4 (original) The system as claimed in Claim 2, further comprising an open spare tank disposed between the storage tank of the pretreatment apparatus and the decomposition apparatus, the storage tank conveying the slurry into the spare tank, the microbial enzymes and raw material being added into the spare tank to mix with the slurry to make the mixture, the spare tank having a diaphragmatic pump to convey the mixture into a decomposition tank of the decomposition apparatus, the decomposition tank having a stirring device therein, the decomposition apparatus having a feed valve and a regulating valve, the heating apparatus heating the mixture in the decomposing tank, the decomposition tank being a vacuum tank, the system further including a compression exhaust device, a heat exchanger, a water storage device, and a filter device, the compression exhaust device connecting to the decomposition tank of the decomposition apparatus to draw out vapor generated from the mixture, the heat exchanger connecting to the compression exhaust device in order to cool the vapor into liquid water which is to be further guided into the water storage device connecting with the heat exchanger, the filter device connecting to the water storage device to filter the liquid water to make drinking water, and the mixture being decomposed and dried to become a solid fertilized compositing-free organic fertilizer product.

Claim 5 (original) The system as claimed in Claim 2, further comprising an open spare tank disposed between the storage tank of the pretreatment apparatus and the decomposition apparatus, the storage tank conveying the slurry into the spare tank, the microbial enzymes and raw material being added into the spare tank to mix with the slurry to form the mixture, the spare tank having a diaphragmatic pump to convey the mixture into a decomposition tank of the decomposition apparatus, the decomposition tank having a stirring device therein, the heating apparatus heating the mixture in the decomposing tank, the decomposition tank being a general tank, the system further including an exhaust fan device, the exhaust fan device connecting to the decomposition tank to draw out vapor generated from the mixture, and the mixture being decomposed and dried to become a solid fertilized compositing-free organic fertilizer product.

Claim 6 (original) The system as claimed in Claim 1, wherein the heating apparatus is a circulatory airtight heating system with kerosene therein or a circulatory airtight heating system with vapor therein, and the kerosene or the vapor is heated by a boiler or electricity.

MR2349-1177

Appln. No. 10/759,947

Reply to Office Action dated 6/20/2005

Claim 7 (original) The system as claimed in Claim 1, further including an electrical circuit control unit, wherein the heating apparatus, the pretreatment apparatus, and the decomposition apparatus electrically connect to the electrical circuit control unit.

Claims 8-13 (canceled).